

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/005836

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F15B13/01 F15B13/04 F15B13/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F15B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 256 986 B1 (LANGEN ALFRED ET AL) 10 July 2001 (2001-07-10) column 8, line 1 - column 8, line 10	1
A	FR 2 756 349 A (MANNESMANN REXROTH SA) 29 May 1998 (1998-05-29) column 10, line 18 - column 10, line 25	1

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

17 September 2004

Date of mailing of the international search report

06/10/2004

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/005836

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 6256986	B1	10-07-2001	DE	19835015 A1	10-02-2000
			JP	2000055003 A	22-02-2000
FR 2756349	A	29-05-1998	FR	2756349 A1	29-05-1998